INLINE SHIFTER

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A booster 8 extending in an internal area 53 of a sieve 7 is attached to the outer circumferential face of a rotating shaft 6. The booster 8 has four blades 82, which are radially extended from the outer circumferential face of the rotating shaft 6 and are arranged at preset angles (for example, 90 degrees) to form a pi shape from the front view. The booster 8 has multiple (for example, two) cross-shaped radial members 81 that are arranged radially at a little angle (for example, 3 degrees) and are located on both ends of the rotating shaft 6 via a preset space, the blades 82 that are set in and fixed to the respective ends of each of the radial members 81 and are inclined at a preset angle to the axial direction of the rotating shaft 6, and sheet-like scrapers 83 that are attached to the blades 82 to be a little projected outward in the radial direction. The end of each scraper 83 faces the inner circumferential face of the sieve 7 across a little gap. Each of the radial members 81 has a round opening 81a on the center thereof to receive and fix the rotating shaft 6 passing therethrough.

FIG. 5